We claim:

1. A satellite broadcasting system comprising:

a satellite dish coupled to a low-noise block converter;

said low-noise block converter is coupled to a first means of converting vertical polarization signals and horizontal polarization signals or left-hand circular polarization signals and right-hand circular polarization signals from a satellite and transmitting simultaneously via a single coaxial cable for enabling two different frequencies and polarities to be transmitted simultaneously via said single coaxial cable;

a second means is coupled to said first means;

said second means converts said vertical polarization signals and said horizontal polarization signals or said left-hand circular polarization signals and said right-hand circular polarization signals from said first means to its original received ~~state~~ frequency and polarity from said satellite dish;

a satellite receiver is coupled to said second means; and

a ~~said~~ source is coupled to said satellite receiver.

2. A satellite system as in claim 1 wherein a power source is could to said first means and said power source powers said first means.

3. A satellite system as in claim 1 wherein said second means provides for said signals to be converted separately and independently to said satellite receiver by a transmitting means.

4. A satellite system as in claim 1 wherein said second means provides for a transmitting means for said signals to be selectively converted to said satellite receiver via a first cable coupled to said second means.

5. A satellite system as in claim 4 wherein said transmitting means further includes a polarity switch for permitting said signals to be selectively converted to said satellite receiver.

6. A satellite system as in claim 1 wherein said first means includes a first converting system for converting said signals of a first direction to a desired first frequency and polarization and a second converting system for converting said signals of a second direction to a desired second frequency and polarization.

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